

01-14-02

A
Box
Seq

1c678 U.S. PTO
01/11/02

"EXPRESS MAIL CERTIFICATE"

"EXPRESS MAIL" MAILING LABEL NUMBER EL213567197

DATE OF DEPOSIT JANUARY 11, 2002

**I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED
WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST
OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE
INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER
FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.**

NAME OF PERSON MAILING PAPER OR FEE

(TYPE OR PRINT) TRACY WESTPHAL

SIGNATURE

Tracy Westphal

Attorney Docket No. 1144D

January 11, 2002

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Inventor(s): Singletary et al.

Title: Novel Starch Synthase Polynucleotides and Their Use in the
Production of New Starches

APPLICATION ELEMENTS

1. ☐ Fee Transmittal Form (Submit an original, and a duplicate for fee processing)

2. ☒ Specification [Total Pages 52]

(Preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☐ Drawing(s) (35 USC 113) [Total Sheets]

- a. ☐ Formal
- b. ☐ Informal

4. ☒ Oath or Declaration [Total Pages 3]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 16 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Microfiche Computer Program (Appendix)
6. ☒ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy) [Total Pages 37]
- c. ☒ Statement verifying identity to above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(where there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS/PTO-1449) ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ Small Entity Statement(s) ☐ Statement filed in prior application
Status still proper and desired
14. ☐ Certified Copy of Priority document(s)
15. ☐ Other:

16. If a **CONTINUING APPLICATION**, check the appropriate box, and supply the requisite information below:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application
No. ____.

Prior application information: Examiner D. Fox Group/Art Unit: 1638

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label: 27310
(Insert Customer No. or Attach bar code label here)

or

☐ Correspondence address below

Name: Kathryn K. Lappegard

Address: Pioneer Hi-Bred International, Inc.
Corporate Intellectual Property
7100 N.W. 62nd Avenue
P.O. Box 1000

City: Johnston State: Iowa Zip Code: 50131-1000

Country: USA Phone: (515) 253-5707 Facsimile: (515) 334-6883

18. FEE CALCULATION

☒ The total fee is calculated as shown below:

Basic Filing Fee						\$ 740.00
Total Claims	55 - 20	=	35	x	\$ 18.00	630.00
Independent Claims	7 - 3	=	4	x	\$ 84.00	336.00

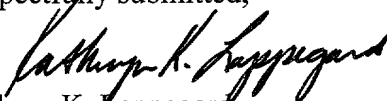
☐ Multiple Dependent Claims present + \$280.00 \$

TOTAL FILING FEE \$1,706.00

Attorney Docket No. 1144D

- ☒ Charge **\$1,706.00** to Deposit Account No. 16-1852.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 16-1852.
- ☒ A duplicate of this transmittal is enclosed

Respectfully submitted,



Kathryn K. Lappegard
Agent for Applicant(s)
Registration No. 46,857

PIONEER HI-BRED INTERNATIONAL, INC.
Corporate Intellectual Property
7100 N.W. 62nd Avenue
P.O. Box 1000
Johnston, Iowa 50131-1000
Phone: (515) 253-5707
Facsimile: (515) 334-6883

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Singletary for "Novel Starch Synthase Polynucleotides and Their Use in the Production of New Starches"

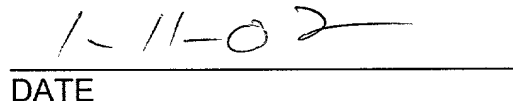
CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. §1.10

Express Mail Label Number: EL213567197US

Date of Deposit: January 11, 2002

I hereby certify that the attached is being mailed by being deposited with the United States Postal Service as Post-Office-to-Addressee Express Mail addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


TRACY WESTPHAL


DATE

CASE NO.: 1144D

"EXPRESS MAIL CERTIFICATE"
"EXPRESS MAIL" MAILING LABEL NUMBER EL213567197US

DATE OF DEPOSIT JANUARY 11, 2002

**I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED
WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST
OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE
INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER
FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231.**

**NAME OF PERSON MAILING PAPER OR FEE
(TYPE OR PRINT) TRACY WESTPHAL**

SIGNATURE



Attorney Docket No. 1144D

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Singletary et al. Date: January 11, 2002

Serial No.: Group Art Unit:

Filed January 11, 2002 Examiner:

For: Novel Starch Synthase Polynucleotides and Their Use in the Production of
New Starches

Assistant Commissioner for Patents
Box Sequence
Washington, D.C. 20231


STATEMENT TO SUPPORT FILING AND SUBMISSION
IN ACCORDANCE WITH 37 CFR §§1.821 THROUGH 1.825

- ☒ I hereby state that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.
- ☐ I hereby state that the submission filed in accordance with 37 CFR §1.821(g) does not include new matter.
- ☐ I hereby state that the submission filed in accordance with 37 CFR §1.821(h) does not include new matter or go beyond the disclosure in the international application as filed.
- ☐ I hereby state that the amendments, made in accordance with 37 CFR §1.825(a), included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages _____. I hereby state that the substitute sheet(s) of the Sequence Listing does (do) not include new matter.

Attorney Docket No. 1144D

- ☐ I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(b), is the same as the amended Sequence Listing.
- ☐ I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(d), is identical to that originally filed.

Respectfully submitted,


Kathryn K. Lappegard
Agent for Applicant(s)
Registration No. 46,857

PIONEER HI-BRED INTERNATIONAL, INC.
Corporate Intellectual Property
7100 N.W. 62nd Avenue
P.O. Box 1000
Johnston, Iowa 50131-1000
Phone: (515) 253-5707
Facsimile: (515) 334-6883